



SHAW ADHESIVE 5000

DESCRIPTION: PRESSURE SENSITIVE ADHESIVE

Shaw 5000 is a pressure sensitive adhesive specifically formulated for the interior installation of Ecoworx Squares, Ecoworx 6', Permabac Squares, and Ergoflex Squares. This acrylic based adhesive is non-flammable, water resistant, freeze/thaw stable and highly resistant to vinyl plasticizer migration. Shaw 5000 has good rebonding characteristics, is easy to use, and gives excellent coverage. Because Shaw 5000 is pressure sensitive, this adhesive eliminates concern about installing a non-porous carpet over a non-porous substrate. The dry installation method is required.

USE OVER:

Use over APA registered plywood underlayment, hardboard, association grade particleboard, and above or on grade concrete in the absence of hydrostatic pressure, excessive moisture or alkalinity. The pH level of concrete must be between 5 and 10 (do not install if over 10), and moisture level of concrete must be below 5 lbs./1000 sq. ft./24 hours using an anhydrous calcium chloride test kit according to ASTM F-1869 test method.

SUBSTRATE PREPARATION:

Floor must be clean, level and dry. Remove all foreign substances such as wax, grease, dirt and any substance or chemical that would interfere with a good bond. Fill all holes and cracks with a cement based patching compound. Sand high spots. Concrete floors must be sealed if dusting or powdering exists with Shaw 9000 Floorshield Adhesive Sealer.

INSTALLATION:

The adhesive, substrate, and floor covering should be acclimated to acceptable temperature and humidity for a minimum of 24 hours before, during, and after the installation. Temperature should be between 650F and 950F and humidity should not exceed 65%.

1. Apply adhesive with recommended trowel or roller.
2. Used "dry" it is a releasable and rebondable, pressure sensitive adhesive for vinyl back carpet tiles and pad-to-floor in double stick installations. For a releasable bond, 5000 may be applied to porous or non-porous surfaces and allowed to dry "tacky." Tiles may be removed as needed to change the pattern or to replace worn tiles.
3. When used "wet" the water in the adhesive must have an avenue of escape (one surface must be porous), and the bond created will be permanent.
4. Install flooring according to manufacturer's recommendations. Adhesive will remain tacky up to 24 hours in a clean, dust-free environment.

RECOMMENDED TROWEL:

<i>Type of Installation</i>	<i>Trowel</i>	<i>Spread</i>	<i>Coverage</i>
Ecoworx Squares and 6'	1/16" x1/16"x1/16" V-notch	Full	Up to 20 sq. yds./gal.
Ergoflex Squares	1/16" x 1/16" x 1/16" V-notch	Full	Up to 20 sq. yds./gal.
Permabac Squares and 6'	Flat trowel or 3/16" short-nap paint roller	Full	Up to 40 sq. yds./gal.



PHYSICAL PROPERTIES:

V.O.C.: Negligible

Base: Acrylic latex

Consistency: Light paste

Open time: Several hours

Coverage: Up to 40 yds. per gallon

Shelf Life: Up to one year in unopened container at 70 degrees F

Flammability: Non-flammable, qualified for NFPA Class A and UBC Class 1 fire ratings as determined by the ASTM E84 Tunnel Test

Clean-Up: Use warm, soapy water while wet. When dried, use Taylor Touchdown #9 Adhesive Remover/Stripper.

Other Features: Freeze-thaw stable to 10 degrees F. Low odor.

CAUTION:

Do not take internally. If swallowed, do not induce vomiting. Call a physician immediately.

WARRANTY:

This adhesive is manufactured according to exacting quality standards and warranted to be free from manufacturing defects. Defective material called to our attention within one year from manufacture will be replaced. No guarantee, expressed or implied is made regarding the performance of this product since the manner and conditions are beyond our control.



MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION

Manufactured For: Shaw Industries
Address/Phone: PO Box 2128
Dalton, GA 30722
877.502.7429
Emergency Phone No.: 800.535.5053
Manufactured by: W.F. Taylor Co., Inc.
Manufacturer's Code Identification: 5000
Trade Name: Shaw 5000 Pressure Sensitive Adhesive
Date Revised: 01/18/07

SECTION II: HAZARDOUS INGREDIENTS

None per OSHA Regulation: 29 CFR 1910.1200
SARA Title III Section 313 Chemicals: None
NFPA **HMIS**
 H = 1
 F = 0
 R = 0

SECTION III: PHYSICAL DATA

Boiling Point: 212°F
Evaporation Rate/Vapor Density: Same as water.
Vapor Pressure: Same as water
LBS/GAL: 8.5 – 9.0
Percent Volatile: 47– 50 (by weight)
Color: Off-white
Odor: Nil
Grams V.O.C. per liter of material: Negligible

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

DOT Category: Not regulated
Flash Point: N/A
LEL: N/A
Extinguishing Media: Water spray, dry chemical,
CO₂ foam
Unusual Fire and Explosion Hazards: None Known
Special Fire Fighting Procedures: Use self contained-breathing apparatus and turn out gear.



SECTION V: HEALTH HAZARD DATA

Symptoms of Over Exposure

Eyes: Vapor may cause irritation

Skin: May cause slight irritation

Inhalation: May cause slight irritation of the respiratory tract

Ingestion: Not a likely route of entry under proper handling conditions. May cause vomiting. Symptoms may be same as inhalation.

First Aid Procedures:

Eyes: Flush with water

Skin: Wash with soap and water

Inhalation: Remove to fresh air if needed

SECTION VI: REACTIVITY DATA

Stability: Stable

Conditions to avoid: Protect from freezing

Hazardous decomposition products: Oxides of carbon, water, and organic compounds of unknown structure.

Hazardous polymerization: Will not occur

Incompatibility/Materials to avoid: Oxidizing materials

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to Be Taken if Material is Spilled: Keep out of sewer systems to prevent blockage due to polymer deposits. Use absorbent materials to collect and contain for salvage or disposal.

Waste Disposal: Abide by all state, federal and local regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory protection: NIOSH respirator if needed

Ventilation: Local exhaust

Protective gloves: Chemical resistant gloves

Eyes: Goggles

Other protective equipment: None

SECTION IX: SPECIAL PRECAUTIONS

Precaution for Handling and Storing: Do not puncture, protect from freezing and excessive heat.